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a constant electric current passes between said means for applying and the steel strip via the jet of electrolyte passing through air to the steel strip.

12. A descaling apparatus according to claim 10 further comprising means for adjusting pressure of the jetted electrolyte and said means for jetting jet the electrolyte so that distance between said means for jetting and the steel strip is constant.

13. A steel strip descaling method for descaling with an electrolyte comprising,

a step for holding the steel strip so that the steel strip is not submerged in the electrolyte;

a step for jetting the electrolyte to the steel strip;

a step for applying voltage to a jetting electrolyte;

a jet of electrolyte passing through air to the steel electrically contacts with the steel strip, and

a constant electric current passes between the jet of electrolyte and the steel strip.

14. A steel strip descaling method according to claim 13 further comprising,

a step of adjusting pressure of the jetted electrolyte so that a length of the jet of electrolyte passing through air to the steel is constant.